

Contents Volume 82, 1994

Special Issue: Modern Pollen Rain and Fossil Pollen Spectra (edited by M.-J. Gaillard, S. Hicks and J.C. Ritchie)	
Preface	vii
Surface pollen studies from alpine/sub-alpine southern Norway: applications to Holocene data	
C. Caseldine and H. Pardoe	1
Present and past pollen records of Lapland forests	
S. Hicks	17
Pollen evidence of Saami settlement and reindeer herding in the boreal forest of northernmost Sweden—an example of modern pollen rain studies as an aid in the interpretation of marginal human interference from fossil pollen data	
K.-Å. Aronsson	37
Application of modern pollen/land-use relationships to the interpretation of pollen diagrams—reconstructions of land-use history in south Sweden, 3000–0 BP	
M.-J. Gaillard, H.J.B. Birks, U. Emanuelsson, S. Karlsson, P. Lagerås and D. Olausson	47
Landscape development in northeast Ireland over the last half millennium	
V.A. Hall	75
An examination of modern and pre-European settlement pollen samples from southeastern Australia—assessment of their application to quantitative reconstruction of past vegetation and climate	
A.P. Kershaw, D. Bulman and J.R. Busby	83
Relationship between recent pollen spectra and current vegetation around the cerin peat bog (Ain, France)	
P. Ruffaldi	97
Relations between modern pollen rain and mediterranean vegetation in Sierra Madrona (Spain)	
P.M.D. Fernández	113
Modern pollen spectra and contemporary vegetation in the Paramera mountain range (Avila, Spain)	
A.A. Olalla, A. Valdeolillos and B.R. Zapata	127
Relationship between recent pollen deposition and airborne pollen concentration	
F.T.M. Spiekma, B.H. Nikkels and S. Bottema	141
Modern pollen spectra and vegetation in southern Ontario, Canada	
G. Cambon	147
The use of spheroidal carbonaceous particles for quantifying modern pollen deposition rates	
B.V. Odgaard	157
Recurrent groups of pollen types in time	
C.R. Janssen and H.J.B. Birks	165
Implications of recent long-distance pollen transport events for the interpretation of fossil pollen records in Fennoscandia	
M. Hjelmroos and L.G. Franzén	175
Surface pollen rain studies in the Nile Delta, Egypt, and their use in palaeoecological reconstruction	
S. Ayyad and P.D. Moore	191
The modern pollen rain of the main landscapes of the Iberian Peninsula	
J. Belmonte and J.M. Roure	192
Comparison of modern pollen spectra with fossil pollen data on the island Stora Karlsö, western Baltic Sea, Sweden	
J.A. Eriksson	192
Modern pollen and plant macrofossil–vegetation relationships in lake sediment surface-samples	
S. Marguier	193
A model of pollen source area for an entire basin	
S. Sugita	194
Modern pollen–vegetation relationships in Touraine, France, as an aid for reconstruction of past cultural landscapes. A new research project	
D. Vivent	195
 Special Section: Palaeofloristic and Palaeoclimatic Changes in Cretaceous and Tertiary Times (edited by C. Caratini)	
Preface	iii
Evolution of Cretaceous phytogeoprovinces, continents and climates	
S.K. Srivastava	197
Palaeocene floral diversities and turnover events in eastern North America and their relation to diversity models	
N.O. Frederiksen	225

Paleofloristic and paleoclimatic implications of Neogene palynofloras in China	
W-M. Wang	239
Miocene palynology of the central sector of the Duero basin (Spain) in relation to palaeogeography and palaeoenvironment	
M.R. Rivas-Carballo, G. Alonso-Gavilán, M.F. Valle and J. Civis	251
Palynofloral geochronology of the Brandon Lignite of Vermont, USA	
A. Traverse	265
Re-evaluation of the age of the Brandon Lignite (Vermont, USA) based on plant megafossils	
B.H. Tiffney	299
Palynostratigraphy of the Permian and lowermost Triassic succession, Finnmark Platform, Barents Sea	
G. Mangerud	317
On a new record of <i>Selenocarpus muensterianus</i> (Presl) Schenk from the Fireclay Formation of Şuncuiuş (Romania) and the Lower Liassic age of the Flora	
Z. Czier	351
Erratum	365

